MARIA			Application Number		09/606,129
_	MITTAL		Filing Date		June 28, 2000
(to be used for all corresp	<b>RM</b> ondence after initi	ial filing)	First Named Inventor		Mahin D. Maines
	v	3 03	Group Art Unit		1652
			Examiner Name		D. Ramirez
Total Number of Pages in Th	nis Submission	46	Attorney Docket Number		176/60792 (6-11415-868)
		ENCLOSU	RES (check all that apply)		
Fee Transmittal Form			nent Papers		After Allowance Communication to Gro
Fee Attached		<b>_</b>	Application)		Appeal Communication to Board of Appeals and Interferences
Amendment / Reply		Declarat	g(s) ion and Power of Attorney		Appeal Communication to Group
After Final			ig-related Papers		(Appeal Notice, Brief, Reply Brief) Proprietary Information
☐ Affidavits/declaration	(s)	☐ Petition			Status Letter
Extension of Time Reques	st	Petition Applica	to Convert to a Provisional		Application Data Sheet  Request for Corrected Filing Receipt wi
Express Abandonment Re	quest	l — ··	f Attorney, Revocation	×	Enclosures
☐ Information Disclosure St	atement	m	of Correspondence Address		A self-addressed, prepaid postcard for acknowledging receipt
☐ Certified Copy of Priority		l —	I Disclaimer for Refund	×	Declaration of Mahin D. Maines Under CFR 1.132 (6 pgs with Exhibits 1-9)
Document(s)		<u>-                                   </u>	mber of CD(s)	×	Revised Sequence Listing (21 pgs), diskette containing CRF, and Statement
Response to Missing Parts Incomplete Application	5/	-			in Accordance with 37 CFR § 1.821 (1
A copy of the Notice and under 37 CFR 1.52 or					
		Remarks	[V]	L	
				ayme	y authorized to charge any additional fees ents to Deposit Account No. 14-1138 for the
	SIGNATU	RE OF APPL	ICANT, ATTORNEY, C	OR A	GENT
Firm or	Edwin V.	Merkel			
Individual name	Nixon Pea	body LLP juare, P.O. B	ov 31051		
	Rochester,	New York	14603-1051		
		: (585) 263- ) 263-1600	1128		
Signature	90-	7. (	0		Registration No. 40,087
Date	M	h 3,20	<u> </u>		
	Totara	u 3, w	- 1		
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I hereby certify that this c	correspondence	e is being:			
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transmitted by f	facsimile on the	e date shown	below to the United Sta	ites !	Patent and Trademark Office at
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March 3, 2004					,
Date	DIS	10 PT	CTI		gnature V ly L. Barry

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First Named Inventor   Mahin D. Maines	THE A NICHAL	COPOPAT		Application Number		09/606,129
First Named Inventor   Mahin D. Maines	FORM (to be used for all correspondence after initial filing)			Filing Date		June 28, 2000
Examiner Name   D. Ramirez				First Named Inventor		Mahin D. Maines
Total Number of Pages in This Submission   46				Group Art Unit		1652
ENCLOSURES (check all that apply)    Fee Transmittal Form				Examiner Name		D. Ramirez
Assignment Papers (for an Application)	Total Number of Pages in This S	ubmission	46	Attorney Docket Number		176/60792 (6-11415-868)
See Franched			ENCLOSU	RES (check all that apply)		
above identified docket number.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Edwin V. Merkel Nixon Peabody LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051 Telephone: (585) 263-1128 Fax: (585) 263-1600  Registration No. 40,087	Fee Attached  Amendment / Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Staten  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  A copy of the Notice to M	nent Iissing Parts	CD, Nut	Application)  g(s)  tion and Power of Attorney ng-related Papers  to Convert to a Provisional tion of Attorney, Revocation of Correspondence Address al Disclaimer for Refund mber of CD(s)	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Application Data Sheet Request for Corrected Filing Receipt with Enclosures A self-addressed, prepaid postcard for acknowledging receipt Declaration of Mahin D. Maines Under 3 CFR 1.132 (6 pgs with Exhibits 1-9) Revised Sequence Listing (21 pgs), diskette containing CRF, and Statements in Accordance with 37 CFR § 1.821 (1 pg
Edwin V. Merkel Nixon Peabody LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051 Telephone: (585) 263-1128 Fax: (585) 263-1600  Registration No. 40,087					•	nts to Deposit Account No. 14-1138 for the
dividual name  Nixon Peabody LLP  Clinton Square, P.O. Box 31051  Rochester, New York 14603-1051  Telephone: (585) 263-1128  Fax: (585) 263-1600  Registration No. 40,087		SIGNATU	RE OF APPL	LICANT, ATTORNEY, O	)R A	GENT
ignature Zin Veull	r	Nixon Pea Clinton So Rochester, Telephone	body LLP juare, P.O. B New York :: (585) 263-	14603-1051		D. 40.007
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## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop \_\_\_\_\_\_\_, Commissioner for Patents, P. O. Box 145 Alexandria, VA 22313-1450 transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_\_\_ March 3, 2004 Date Signature Wendy L. Barry Typed or printed name

Patest fees are subject to annual revision.

Applicant taims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$) 475

	Complete if Known	Dr.
Application Number	09/606,129	NECENA
Filing Date	June 28, 2000	LIVED
First Named Inventor	Mahin D. Maines	MAD .
Examiner Name	D. Ramirez	1 2 2004
Art Unit	1652	
Attorney Docket No.	176/60792 (6-11415-868)	

METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)								
Check Card Money Other None	3. A	DDITIO	NAL I	FEES				
Deposit Account:		Entity		Entity				
Deposit 14 1120	Fee	Fee	Fee	Fee		Fee Descript	ion	
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Number	1052	50	2052	25	_	late provisional fi		
	1032	50	2032	2.5	sheet	and provident		
Deposit	1053	130	1053	130	Non-Englis	h specification		
Account Nixon Peabody LLP	1812	2,520	1812	2,520	For filing a	request for ex par	te reexamination	
Name	1804	920*	1804	920*	Requesting	nublication of SIF	R prior to Examiner	I
The Commissioner is authorized to: (check all that apply)	1001	7-0			action	•		
Charge fee(s) indicated below Credit any overpayments	1805	1,840*	1805	1,840*		publication of SIF	Rafter Examiner	
Charge any additional fee(s)	1251	110	2251	55	action Extension f	or reply within fir	st month	<u> </u>
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to the above-identified deposit account.	1253	950	2253	475		or reply within thi		475
FEE CALCULATION	1254	1,480	2254	740		or reply within for		
1. BASIC FILING FEE	1255	2,010	2255	1,005	Extension f	or reply within fif	th month	
Large Entity Small Entity	1401	330	2401	165	Notice of A	ppeal		
Fee Fee Fee Fee Description  Code (\$) Code (\$) Fee Paid	1402	330	2402	165	Filing a bri	ef in support of an	appeal	
Code (\$) Code (\$) Fee Paid	1403	290	2403	145	Request for	oral hearing		
1001 270 2001 205 Heller Gling for	1451	1,510	1451	1,510	Petition to	institute a public u	se proceeding	
1001 770 2001 385 Utility filing fee	1452	110	2452	55	Petition to	revive – unavoidal	ole	
1002 340 2002 170 Design filing fee	1453	1,330	2453	665	Petition to a	revive – unintentic	mal	
1003 530 2003 265 Plant filing fee			ļ				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
1004 770 2004 385 Reissue filing fee	1501	1,330	2501	665	•	e fee (or reissue)		
1005 160 2005 80 Provisional filing fee	1502	480	2502	240	Design issu			
	1503	640	2503	320	Plant issue			
SUBTOTAL (1) $(\$)$ 0	1460	130	1460	130	Petitions to	the Commissione	r	
L	1807	50	1807	50	Processing	fee under 37 CFR	1.17(q)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1806	180	1806	180	Submission	of Information D	isclosure Stmt	
· Fee from	8021	40	8021	40		each patent assign	ment per property	
Extra Claims below Fee Paid  Total Claims -20** = X = 0	1809	770	2809	385		ber of properties) omission after fina	1 mination	<u> </u>
Total Claims20** = X = 0	1009	770	2009	363	(37 CFR 1.		rejection	
Independent3**= X = 0	1810	770	2810	385		Iditional invention	to be examined	
Claims Multiple Dependent  X = 0	1801	770	2801	385	(37 CFR 1.	129(b)) r Continued Exam	ination (RCF)	
Multiple Dependent X = 0	1001	770	2001	303	request for	Commaca Exam	mation (RCL)	1 1
Large Entity Small Entity	1802	900	1802	900	Request for	r expedited examin	nation of a design	
Fee Fee Fee Fee <u>Fee Description</u>	ļ				application			
Code (\$) Code (\$)	Other	fee (speci	ify)					
1202 18 2202 9 Claims in excess of 20								
1201 86 2201 43 Independent claims in excess of 3	*p	ned by D	ocio Elli.	ng Fee Paid		SUBTOTAL (	3) (\$) 475	
1203 290 2203 145 Multiple dependent claim, if not paid	Redu	iceu by Ba	asic Pili	ig ree raid		SOBIOTAL (	1 (3) 413	
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original patent	CERTIFICATE OF MAILENO OR TRANSMISSION [57 CTR 1.5(d)]							
1205 18 2205 9 ** Reissue claims in excess of 20 and I hereby certify that this correspondence is being:							with sufficient	
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SUBTOTAL (2) (\$) 0							ria, VA 22313-1450	
**or number previously paid, if greater; For Reissues, see above						te shown below to	the United States Pat	ent and
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	l	Dat	te				Signature ndy L. Barry	V
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Name (Print/Type) Edwin V. Merkel	_	tration N ney/Agei		40,087		Telephone	(585) 263-112	8
Signature 90:	(Allo)	ne yirigei	/			Date	March 3,	2004
Limit I will							,	•

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PARMOUNT OF PAYMENT	(\$) 475

	Complete if Known	
Application Number	09/606,129	F
Filing Date	June 28, 2000	MED
First Named Inventor	Mahin D. Maines	CELL
Examiner Name	D. Ramirez	MA
Art Unit	1652	"AP 1 0
Attorney Docket No.	176/60792 (6-11415-868)	2000

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit Card Money Order None 3. ADDITIONAL FEES								
Deposit Account:		Entity		Entity				·
Deposit Account 14-1138	Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description	n .	
Account 14-1138 Number	1051	130	2051	65	Surcharge -	late filing fee or oat	th	
	1052	50	2052	25	Surcharge -	late provisional filir	ng fee or cover	
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Deposit Account Nixon Peabody LLP	1053	130	1053	130	-	h specification		
Name Name	1812	2,520	1812	2,520		request for ex parte		
The Commissioner is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting action	publication of SIR p	orior to Examiner	
	1805	1,840*	1805	1,840*		publication of SIR a	fter Examiner	
					action			
Charge any additional fee(s)	1251	110	2251	55		or reply within first		
Charge fee(s) indicated below, except for the filing fee	1252	420	2252	210	Extension for	or reply within secon	nd month	
to the above-identified deposit account.	1253	950	2253	475	Extension for	or reply within third	month	475
FEE CALCULATION	1254	1,480	2254	740	Extension for	or reply within fourt	th month	
1. BASIC FILING FEE	1255	2,010	2255	1,005	Extension for	or reply within fifth	month	
Large Entity Small Entity	1401	330	2401	165	Notice of A	ppeal		'
Fee Fee Fee Fee Description	1402	330	2402	165	Filing a brie	ef in support of an ap	ppeal	
Code (\$) Code (\$) Fee Paid	1403	290	2403	145	Request for	oral hearing		
1001 770 2001 385 Utility filing fee	1451	1,510	1451	1,510	Petition to i	nstitute a public use	proceeding	
1002 340 2002 170 Design filing fee	1452	110	2452	55	Petition to r	evive – unavoidable	•	
	1453	1,330	2453	665	Petition to r	evive – unintention	al	
	1501	1,330	2501	665	Utility issue	e fee (or reissue)		
1004 770 2004 385 Reissue filing fee	1502	480	2502	240	Design issu	e fee		
1005 160 2005 80 Provisional filing fee	1503	640	2503	320	Plant issue	fee		
SUBTOTAL (1) (\$) 0	1460	130	1460	130	Petitions to	the Commissioner		
(4) 0	1807	50	1807	50	Processing	fee under 37 CFR 1.	17(a)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1806	180	1806	180		of Information Disc		
2, EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	8021	40	8021	40	Recording o	each patent assignme	ent per property	
Extra Claims below Fee Paid	1000	770	2809	385		ber of properties) mission after final r	mination	ļ
Total Claims20** = X = 0	1809	770	2009	363	(37 CFR 1.		ejection	
Independent -3**= X = 0	1810	770	2810	385		ditional invention to	be examined	
Claims Multiple Dependent  X = 0	1801	770	2801	385	(37 CFR 1. Request for	Continued Examin	ation (RCE)	
Willitple Dependent A					•		, ,	
Large Entity Small Entity	1802	900	1802	900	Request for application	expedited examina	tion of a design	
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1201 86 2201 43 Independent claims in excess of 3								
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1203 290 2203 145 Multiple dependent claim, if not paid								
1204 86 2204 43 ** Reissue independent claims over original patent	1					DR TRANSMISSIO	N [37 CFR 1.8(a)]	
1205 18 2205 9 ** Reissue claims in excess of 20 and	and I hereby certify that this correspondence is being:							
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**or number previously paid, if greater, For Reissues, see above						te shown below to th	he United States Pat	ent and
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March 3, 2004						gnature	<del></del>	
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Edwin V Merkel	Regis	tration N	lo.	40,087			(585) 263-112	8
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Signature Fin Lendel						Date	march 3,	2004

Docket Number (Optional) 176/60792 (6-TION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) 11415-868) In re Application of Mahin D. Maines CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with Application Number 09/606,129 Filed June 28, 2000 sufficient postage for first class mail in an envelope For BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS. addressed to Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-AND METHODS OF USING BILIVERDIN REDUCTASE AND 1450 on March 3 2004. SUCH FRAGMENTS AND VARIANTS Group Art Unit 1652 Examiner D. Ramirez This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application. The requested extension and appropriate entity fee are as follows (check time period desired):  $\square$  One month (37 CFR 1.17(a)(1)) - (\$55/\$110)  $\square$  Two months (37 CFR 1.17(a)(2)) - (\$210/\$420) \$475.00 Three months (37 CFR 1.17(a)(3)) - (\$475/\$950) ☐ Four months (37 CFR 1.17(a)(4)) - (\$740/\$1480)  $\square$  Five months (37 CFR 1.17(a)(5)) - (\$1005/\$2010) Applicant claims small entity status. A check to cover the fee is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. The Commissioner has already been authorized to charge fees in this application to a Deposit Account. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account Number 14-1138 I have enclosed a duplicate copy of this sheet. I am the applicant/inventor assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). attorney or agent of record. attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a) \_\_\_\_\_ WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Signature Edwin V. Merkel Typed or printed name NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

03/11/2004 AWONDAF1 00000008 09606129

Total of 1 form is submitted.

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forms if more than one signature is required, see below

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for Pat	tents, P.O. I	Box 1450, Alexandria, VA 22313-	AND METHODS OF US			ND
1450 c Signat	on March 3, ture:	Cendyli Bonz	SUCH FRAGMENTS A		· · · · · · · · · · · · · · · · · · ·	
Name:	:	Wendy L. Barry	Group Art Unit 1652	I	Examiner D. Ramirez	
		uest under the provisions cabove identified application		and the period	for filing a	
		ed extension and appropria period desired):	te entity fee are as follows	<b>3</b>		
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		Four months (37 CFR 1.1	7(a)(4)) - (\$740/\$1480)		\$	<del></del>
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×	Applica	ant claims small entity statu	IS.			
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×	be requ	mmissioner is hereby authorized, or credit any overpayenclosed a duplicate copy of	ment, to Deposit Account	ional fees whi Number <u>14-1</u>	ch may 138	
I am	ı the 🗖	applicant/inventor				
		assignee of record of the Statement under 37 (	entire interest. See 37 CFCFR 3.73(b) is enclosed.	R 3.71. (Form PTO/S	B/96).	
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			7 CFR 1.34(a). if acting under 37 CFR 1.	.34(a)		
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Total of 1 form is submitted.